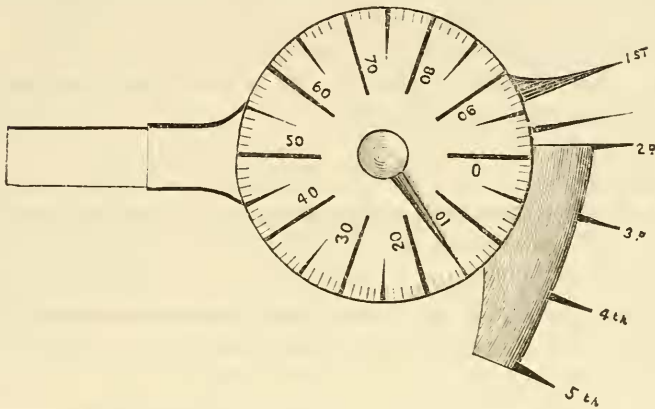


the third 200, the second 300 feet. Then, the index being brought to 27, the floating needle pricks 327. See woodcut, Fig.



Mr. Eckley Coxe has had a useful addition made to his instruments in the shape of a set of removable rings, divided for 100ths, 1000ths, 66ths, 33rds, &c., &c. Two little screws hold the ring in place, whichever one may be in request for any particular plotting. When plotting on the scale of some other unit of distance is required another ring is substituted.

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*Stated Meeting, May 2d, 1873.*

Present, 14 members.

Prof. CHASE in the Chair.

Letters accepting membership in the Society were received from Henry W. Acland, dated Radcliffe Library Museum, Oxford, England, April 10th, 1873; James Ed. Oliver, dated Cornell University, Ithaca, N. Y., April 21, 1873; John Fulton, dated Saxton, Bedford Co., Pa., April 21, 1873, and Theo. D. Rand, dated 17 South Third Street, Philad'a, May 1, 1873.

Letters of Envoy were received from the Physical Observatory, St. Petersburg, March, 1873; the Austrian Geographical Society, Vienna, Jan. 3, 1873; Prof. G. L. Vose, per S.

W. Blunt, Boston, April 30, 1873; the U. S. Naval Observatory, Washington, Jan. 31, 1873; the Minnesota Academy of Natural Sciences, Minneapolis, April 15, 1873.

A letter requesting donations for the Chicago Public Library was received from W. B. Wickersham, Secretary, dated Chicago, April 28, 1873.

Donations for the Library were received from the Geographical Society, at Vienna; the Belgian Academy; the R. Astronomical Society; London Nature; Revue Politique; M. Sillorata, Rome; Prof. Geo. L. Vose; Mr. Ezra Seaman, of N. Y.; Prof. A. M. Meyer, of Stevens Institute; the Journal of Pharmacy and Medical News; the U. S. Coast Survey; Dr. Hayden, and the Academy at San Francisco.

The death of Baron Justus von Liebig, at Munich, April 18, 1873, aged 70, was announced by the Secretary.

The death of Prof. F. C. Zantedeschi, at Padua, March 30, 1873, aged 76, was announced by letter.

The death of William Sullivant, at Columbus, O., April 30, 1873, aged 70, was announced by the Secretary.

Dr. LeConte in behalf of the Secretaries, exhibited a copy of a paper by Prof. Cope, read at the meeting of April 4, bearing the date March 8, 1873 printed at the end. Prof. Cope made explanations to justify his publication of that date.

Mr. Chase communicated three notes: 1. On Solar rotation; 2. On correlations of Planetary Masses; 3. On Intra-Mercurial Planets.

Mr. Cope, after some introductory observations, requested that the Society authorize the drawing and printing of two plates 8° to illustrate a paper on Flat Clawed Carnivora of the Eocene of Wyoming, the cost for drawing each plate not to exceed thirty dollars.

After discussion by Dr. Le Conte and Gen'l Stokes the motion was seconded and on motion of Mr. Smith postponed to the next meeting.

And the Society was adjourned.